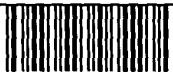


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|---|--|
| <b>UTILITY<br/>PATENT APPLICATION</b><br><br><b>TRANSMITTAL</b><br><br><i>(Only for original applications)</i>  | <b>Attorney Docket No.</b> 1349.1147   |
|   | <b>First Named Inventor or Application Identifier:</b><br>Karp-sik YOUN  |
|   | <b>Express Mail Label No.</b>  |
| <b>APPLICATION ELEMENTS</b><br><i>See MPEP chapter 600 concerning utility patent application contents.</i>  | <b>ADDRESS TO:</b><br><b>Commissioner for Patents</b><br><b>Box Patent Application</b><br><b>PO Box 1450</b><br><b>Alexandria, VA 22313-1450</b> |
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> Fee Transmittal Form</li> <li>2. <input checked="" type="checkbox"/> Specification, Claims &amp; Abstract .....[Total Pages: <u>8</u>]</li> <li>3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) .....[ Total Sheets: <u>2</u> ] [FIGS. <u>1-2</u> ]</li> <li>4. <input checked="" type="checkbox"/> Oath or Declaration .....[ Total Pages: <u>1</u> ]           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))               <ol style="list-style-type: none"> <li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/>                   Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li> </ol> </li> </ol> </li> <li>5. <input type="checkbox"/> Verified Statement Claiming Small Entity Status</li> <li>6. <input type="checkbox"/> Application Data Sheet. See 37 C.F.R. 1.76</li> <li>7. <input checked="" type="checkbox"/> Applicant claims foreign priority benefit to: <u>Korean Application 2002-37461 filed June 29, 2002</u></li> <li>8. <input type="checkbox"/> CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)</li> <li>9. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. <input type="checkbox"/> Specification Sequence Listing on:               <ol style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> paper</li> </ol> </li> <li>c. <input type="checkbox"/> Statement verifying identity of above copies</li> </ol> </li> <li>10. <input type="checkbox"/> For publication of assignee information under 37 CFR 1.215(b), list the assignee as Samsung Electronics Co., Ltd. of Suwon-city, Republic of Korea. The Assignment papers will be filed later.</li> </ol> |  |
| <b>ACCOMPANYING APPLICATION PARTS</b>   |  |
| <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> Assignment (cover sheet &amp; document(s)) to Samsung Electronics Co., Ltd. of Suwon-city, Republic of Korea<br/> <input checked="" type="checkbox"/> for publication of assignee information under 37 CFR 1.215(b)</li> <li>12. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney</li> <li>13. <input type="checkbox"/> English Translation Document (if applicable)</li> <li>14. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</li> <li>15. <input type="checkbox"/> Preliminary Amendment</li> <li>16. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</li> <li>17. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</li> <li>18. <input type="checkbox"/> Request and Certification for Nonpublication under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent</li> <li>19. <input type="checkbox"/> Other:</li> </ol>  |  |
| <b>20. CORRESPONDENCE ADDRESS</b>   |  |
| <div style="text-align: center;"> <br/> <b>21171</b><br/>         PATENT TRADEMARK OFFICE       </div>   |  |

16235 U.S. PTO

10/608183



06/30/03

16179 U.S. PTO  
06/30/03

S&H Form (2/02)

|  |           |                      |                |
|--|-----------|----------------------|----------------|
| <b>NEW APPLICATION<br/>FEE TRANSMITTAL</b> |           | Attorney Docket No.  | 1349.1147      |
|  |           | Application Number   | To be assigned |
|  |           | Filing Date          | June 30, 2003  |
| AMOUNT ENCLOSED                            | \$ 790.00 | First Named Inventor | Karp-sik YOUN  |

| FEE CALCULATION (fees effective 10/01/01) |   |                     |                     |                                  |                  |
|---|---|---------------------|---------------------|----------------------------------|------------------|
| CLAIMS                                    | (1) FOR   | (2) NUMBER<br>FILED | (3) NUMBER<br>EXTRA | (4) RATE                         | (5) CALCULATIONS |
|   | TOTAL CLAIMS  | 11 - 20 =           | 0                   | X \$ 18.00 =                     | \$ 0.00          |
|   | INDEPENDENT<br>CLAIMS   | 3 - 3 =             | 0                   | X \$ 84.00 =                     | 0.00             |
|   | MULTIPLE DEPENDENT CLAIMS (any number;<br>if applicable)                            |                     |                     | + \$280.00 =                     |                  |
|   |   |                     |                     | BASIC FILING<br>FEE              | 750.00           |
|   |   |                     |                     | Total of above<br>Calculations = | \$ 750.00        |
|   | Surcharge for late filing fee, Oath or Declaration (37 CFR 1.53(f))<br>(\$130.00)   |                     |                     |                                  |                  |
|   | Reduction by 50% for filing by small entity (37 CFR 1.27).                          |                     |                     |                                  |                  |
|   |   |                     |                     | TOTAL FILING<br>FEE =            | \$ 750.00        |
|   | Surcharge for filing non-English language application (\$130.00;<br>37 CFR 1.52(d)) |                     |                     |                                  |                  |
|   | Recordation of Assignment (\$40.00; 37 CFR 1.21(h))                                 |                     |                     |                                  |                  |
|   |   |                     |                     | TOTAL FEES<br>DUE =              | \$ 790.00        |

**METHOD OF PAYMENT**

☒ Check enclosed as payment.

☐ Charge "TOTAL FEES DUE" to the Deposit Account No. below.

☐ No payment is enclosed and no charges to the Deposit Account are authorized at this time  
(unless specifically required to obtain a filing date).

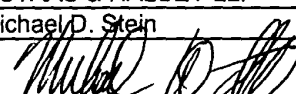
**GENERAL AUTHORIZATION**

☒ If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby  
authorized to credit any overpayment or charge any additional fees necessary to:

|                      |                    |
|----------------------|--------------------|
| Deposit Account No.  | 19-3935            |
| Deposit Account Name | STAAS & HALSEY LLP |

☒ The Commissioner is also authorized to credit any overpayments or charge any additional fees  
required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the  
prosecution of this application, including any related application(s) claiming benefit hereof  
pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or  
continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any  
such related application.

**SUBMITTED BY: STAAS & HALSEY LLP**

|            |   |          |               |
|------------|---|----------|---------------|
| Typed Name | Michael D. Stein  | Reg. No. | 37,240        |
| Signature  |  | Date     | June 30, 2003 |